

Allendale Farm, Panton, VT

2357 Jersey Street, Panton, VT 05491

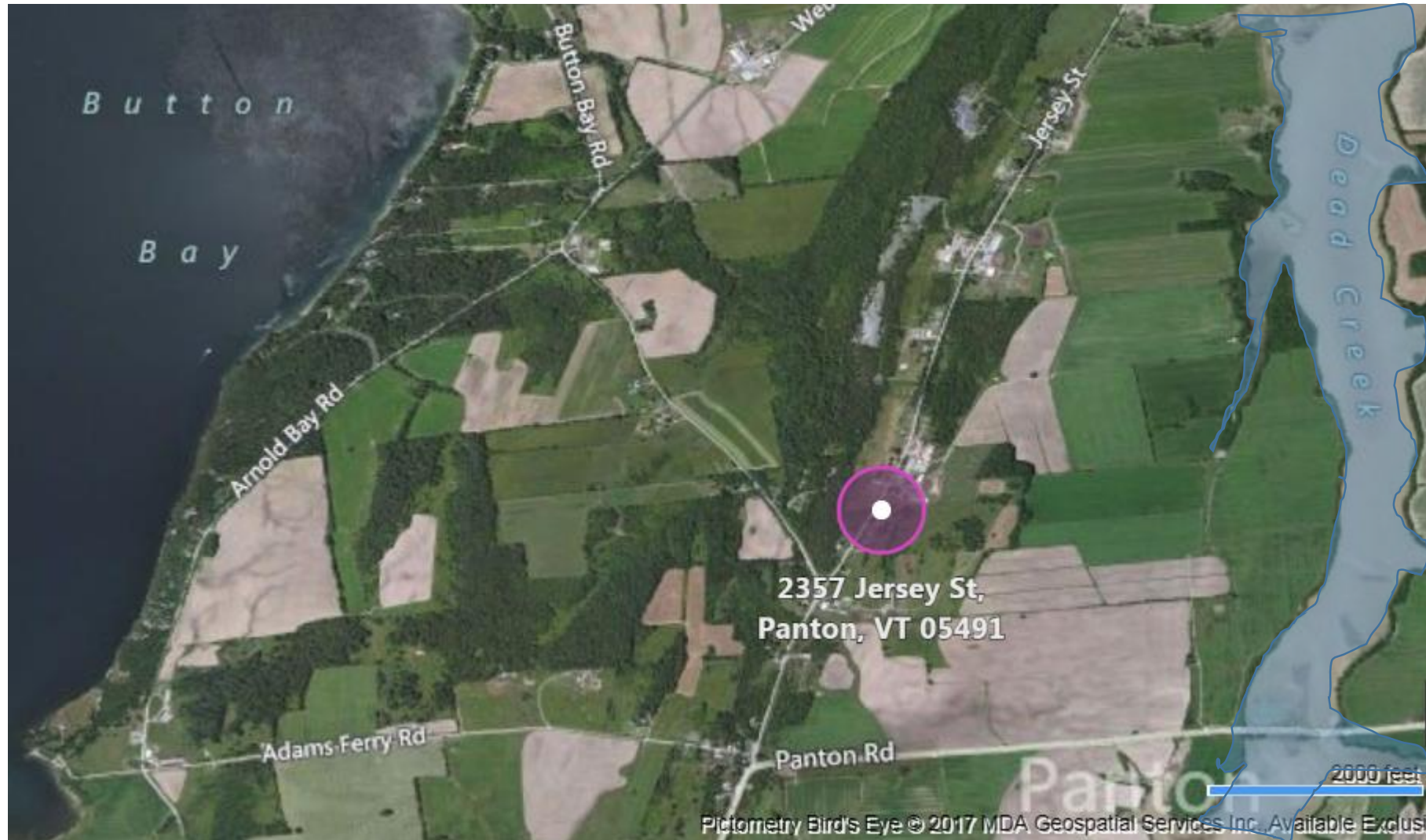
Inspection, 8-30-17

Solanch Pastrana-Del Valle

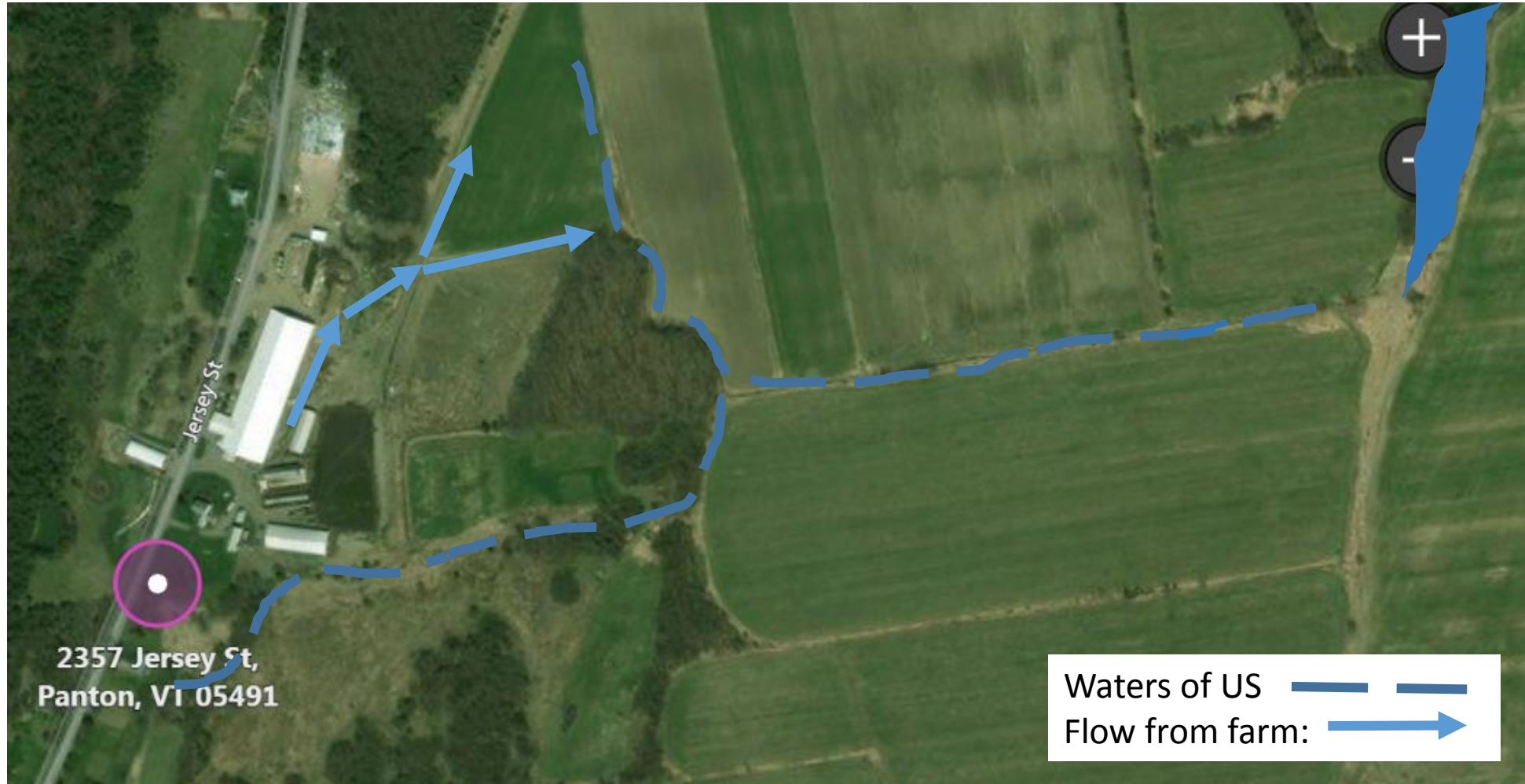
Denny Dart

With Chris (Chip) Gianforno, VT-DEC

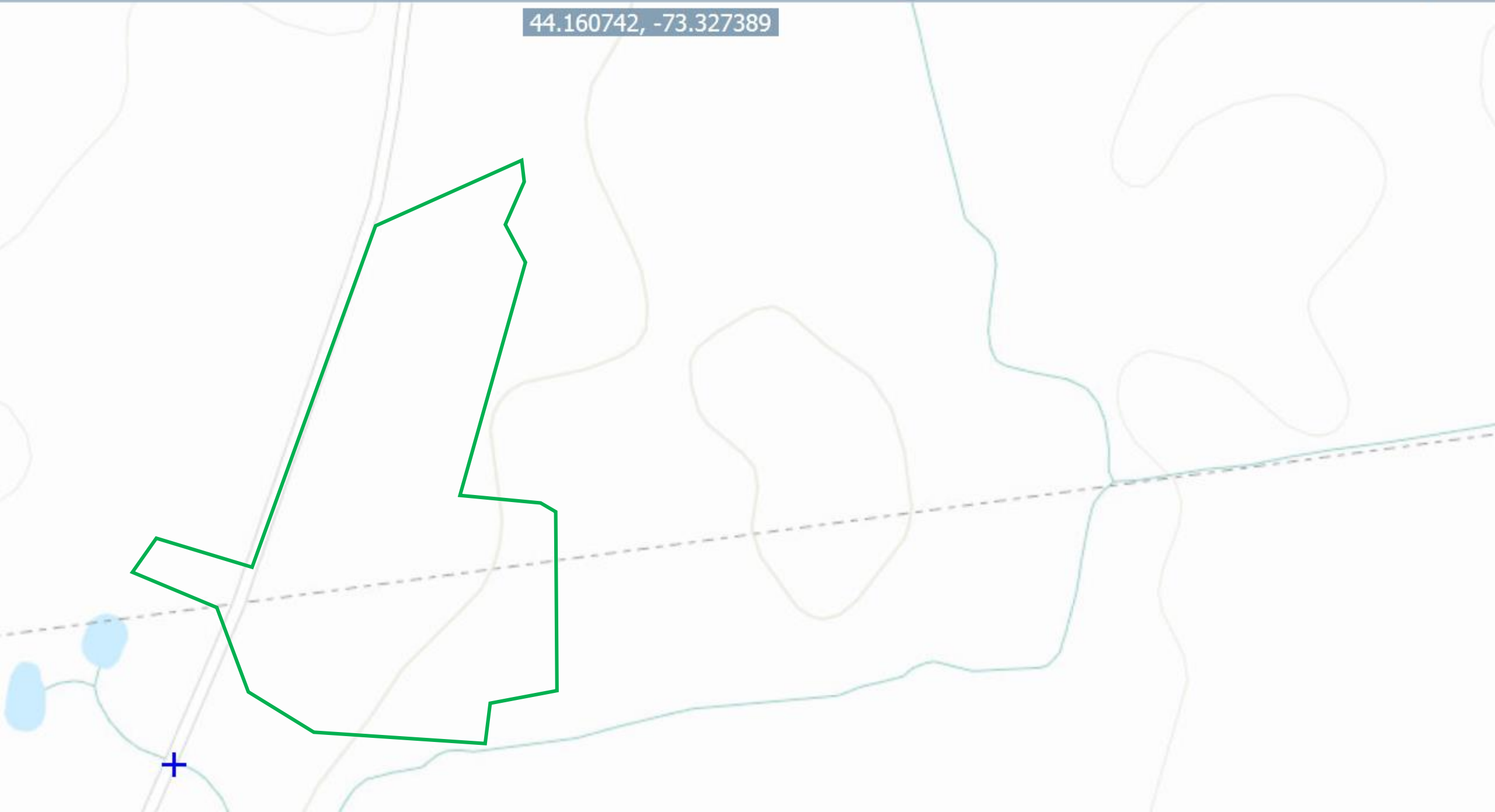
Aerial Image of Allendale Showing Proximity to Lake Champlain Button Bay to the west and Dead Creek to the east



Likely Flow Direction from Farm



44.160742, -73.327389





New cow barn extending the roof to the east.



Photographer
location

New plate cooler recycling system will reduce water flow to manure lagoon.



Plate cooler recycling tank
located in lean-to shed.



Dry cow feeding operation. Feed located outside barn and not covered, but leachate would flow to lagoon on right.



Photographer
location

Manure burn photos from Chris Gianfagna, VT-DEC, area southeast of lagoon.

Photo 340



Photo 346



Photo 343



Photo 347



Manure burn photos from Chris Gianfagna, VT-DEC, area downhill of northeast corner of lagoon.



Photo 350

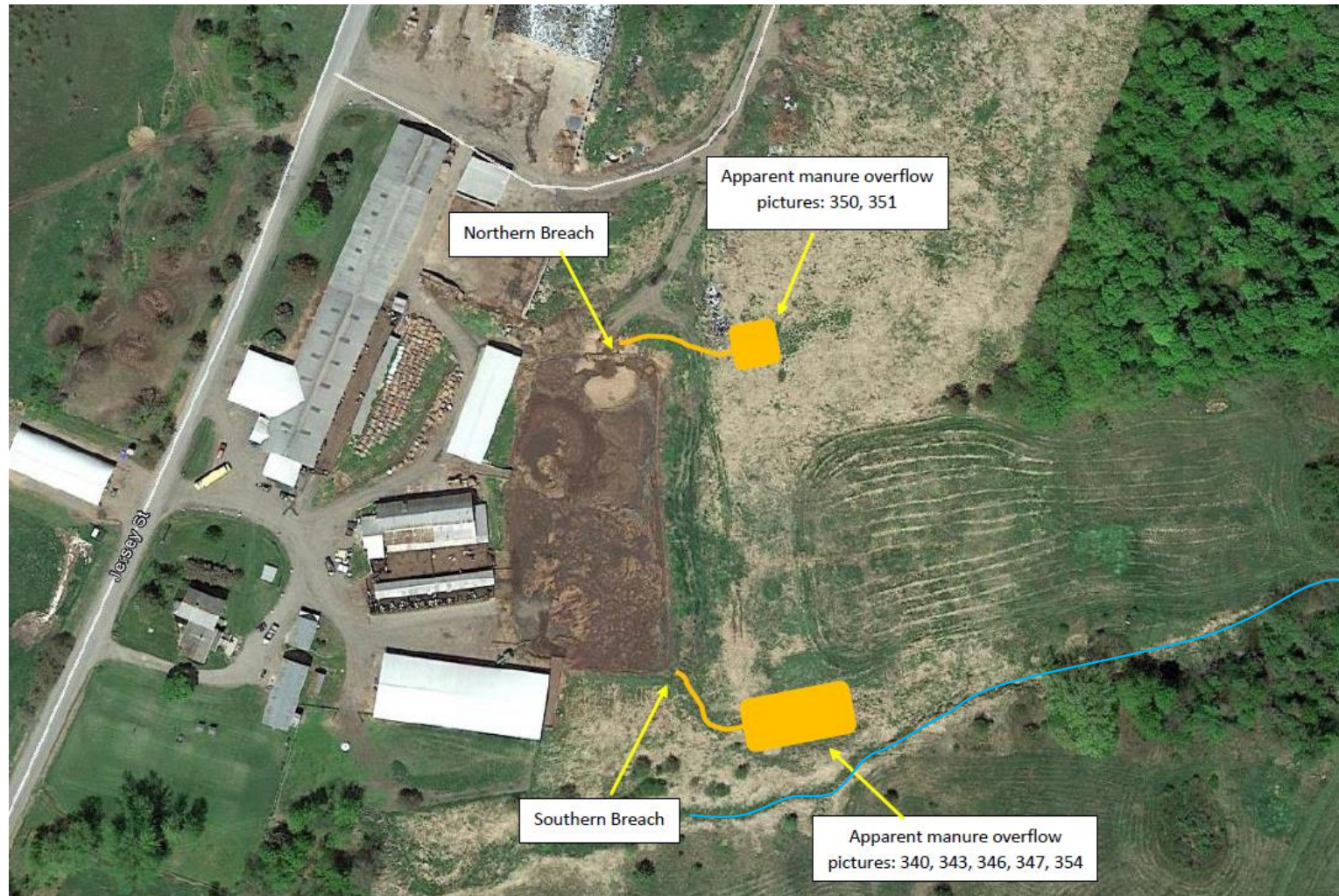


Photo 351

Manure Overflow Map

Created by Chris
Gianfagna, VT-DEC

(Stream highlighted
by Denny Dart)



Manure Lagoon Photographed from Southeast Corner



Silage pile and mortality pile leachate may run downhill along roadway toward Dead Creek.

Photographer location
for photo on right



Photographer location
for photo on left



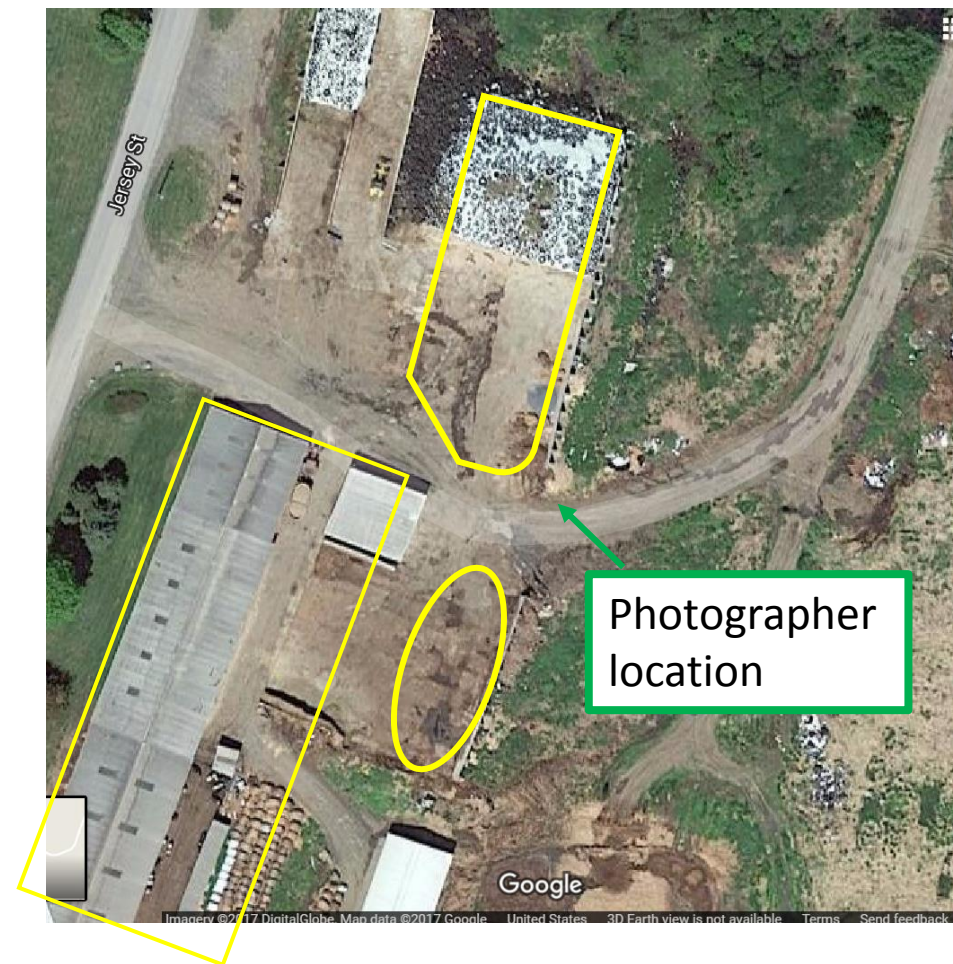
Silage storage pile

Mortality storage pile

Allendale Farm sends mature mortalities for rendering but composts calves that perish. The inspectors raised the concern that the new barn roof runoff goes into the mortality pile. Silage pile and mortality pile leachate may run downhill or along roadway toward Dead Creek



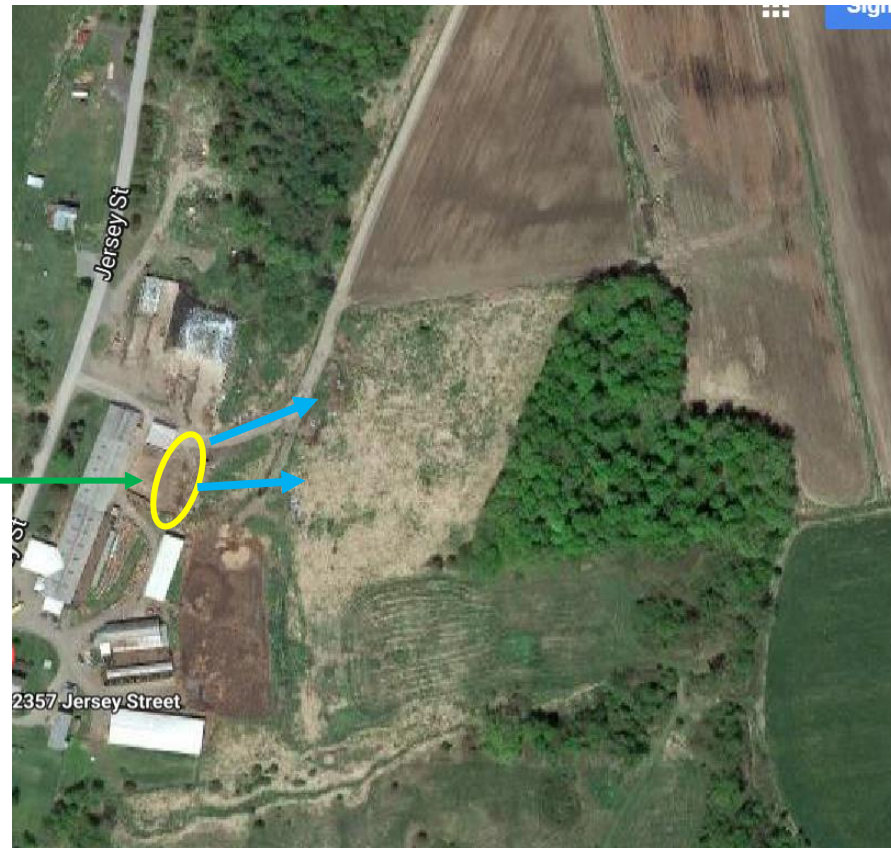
Silage leachate likely to run downhill (Note: silage pile reached beyond the edge of the bunk during time of inspection. See rough yellow shape.)



Mortality pile leachate likely to run downhill



Photographer location



Run-off from new barn likely to run into mortality pile on right.



Calf leg visible in mortality pile.



Recently cleared area.



Area recently cleared of trees.



Photographer location



Cattails indicating wetlands.

